



COPY OF PAPERS  
ORIGINALLY FILED

24/E  
J. Douglas  
9/11/02  
(A.E.)

THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant:** Gregory HOUSE

**Title:** THREE DIMENSIONAL STRUCTURE ESTIMATION  
APPARATUS

**Appl. No.:** 08/962,315

**Filing Date:** 31 October 1997

**Examiner:** S. AN

**Art Unit:** 2613

RECEIVED

AUG 27 2002

Technology Center 2600

**REPLY TO OFFICIAL ACTION OF 21 MARCH 2002**  
**UNDER 37 CFR §1.111**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants hereby reply to the official action mailed 21 March 2002.  
Reconsideration in view of the following amendments and remarks is requested.

**AMENDMENTS**

**In the claims:**

2. (Amended Four Times) A three-dimensional structure estimation  
apparatus which measures a distance to an object, comprising:

a plurality of cameras for producing images of the object from different  
viewing angles, the cameras having different resolutions from each other such  
that pixel units of the images are different in the amount of object represented  
thereby;